

The Tuscan calf: innovative growth strategies

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

VITOSCA

Tematica

Gestione aziendale

Information

Time frame

2019 - 2021

Durata

32 months

Partners (no.)

8

Regione

Toscana

Comparto

Zootecnia - bovini/bufalini

Localizzazione

ITI14 - Firenze

Costo totale

€363.951,00

Fonte di finanziamento principale

Programma di sviluppo rurale

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2014IT06RDRP010: Italy - Rural Development

Programme (Regional) - Toscana

Parole chiave

Animal husbandry and welfare

Sito web

<https://www.vitosca.it/>

Project status

completed



Objectives

Increase and enhance beef production in Tuscany through:

- use of sexed semen from dairy bulls on dairy cattle aimed to create the replacement of those latter;
- use of semen from meat bulls on dairy cows aimed to produce crossbred calves;
- creation of weaning plants and fattening plants for crossbred calves;
- application of CRENBA method;
- technological implementation of the Mugello meat Centre to control and to improve the quality of the production process;
- use of "Toscana-Toscana" for the meat produced;
- verification of the applicability of the label "Benessere animale in allevamento";
- training, information and updating;
- public awareness on quality brands.

Activities

- Use of sexed semen on better dairy cows so as to produce only female calves for internal replacement.
- Use of semen from selected beef bulls on other dairy cows, chosen on the basis of easy childbirth and good production characteristics (may be sexed or not).
- Birth of one or more calves weaning pilot plants where it will be possible to test innovative breeding, feeding and prophylaxis techniques, and evaluate the results (qualitative, quantitative, economic).
- Increase and valorisation of Tuscan meat through control of: production process, animal welfare, product quality and greater food safety.

Context

In Italy there is a notable decrease in the production of beef which has led to a greater recourse to imports. In this context there is the need to

increase the production of beef in Tuscany by referring to existing farms, even those specialized in the production of milk, using modern breeding techniques, also encouraging the breeding in Tuscany of calves that are currently transferred in Northern Italy, enhancing production through quality improvement and certification and achieving consolidation of the entire supply chain, including commercial aspects.

In implementation of measure 16.1 (first phase) ARAT conducted a fact-finding survey in a significant sample of dairy cowsheds in the provinces of Florence, Grosseto, Livorno, Lucca, Pisa and Siena which involved n. 36 farms in order to highlight above all the type of calves produced (in purity, mestizo, males, females) and their destination, to verify if in Tuscany there is the potential to produce a greater number of meat calves, obtained from dairy cows.

The survey confirms the initial hypothesis proposed by the partners: that of having available a large number of cows to be fertilized with meat bulls seed to obtain mumps that can be weaned and fattened in Tuscany and marketed under the Toscana-Toscana brand, in order to enhance a product, although secondary to milk, but still necessary for the production of the same. In the only stalls surveyed could be recovered over 1150 calves that today are born of pure breed and that are worth very little for the meat market.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Associazione regionale allevatori della Toscana (ARAT)	Via Volturmo 10/12b 50019 Sesto Fiorentino FI Italy	055 4373531	segreteria@toscanallevatori.it
Partner	Cooperativa Agricola Firenzuola	Viale del Progresso 15 50039 Vicchio FI Italy	055 8490367	info@centrocarnimugello.it
Partner	Azienda Agricola Il Grillo di Bonini Daniele e Marco ss	Via Campagna 23 50032 Borgo San Lorenzo FI Italy	055 8401163	

Role	Azienda	Address	Telephone	E-mail
Partner	Università degli Studi di Firenze - Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali (DAGRI)	Piazzale delle Cascine, 18 50144 Firenze FI Italy	055 2755700	direttore@dagri.unifi.it
Partner	Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana M. Aleandri (IZSLT)	Via Appia Nuova 1411 00178 Roma RM Italy	06 790991	info@izslt.it
Partner	Azienda Agricola Marchi Bruno Ivo e Remo SSA	Via Riccianico 338 50033 Firenzuola FI Italy	055 819429	
Partner	Studio Demetra	Via Morandi 39 56038 Ponsacco PI Italy	0587 475000	info@demetra.toscana.it
Partner	CAICT srl - Centro Assistenza Imprese Coldiretti Toscana	Viale Fratelli Rosselli 20 50123 Firenze FI Italy	055 32357213	caict.formazione.toscana@coldiretti.it

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.vitosca.it/	Sito web
Relazione finale del progetto	https://www.vitosca.it/wp-content/uploads/2022/03/GO-VITOSCA-relazione-tecnica-...	Materiali utili